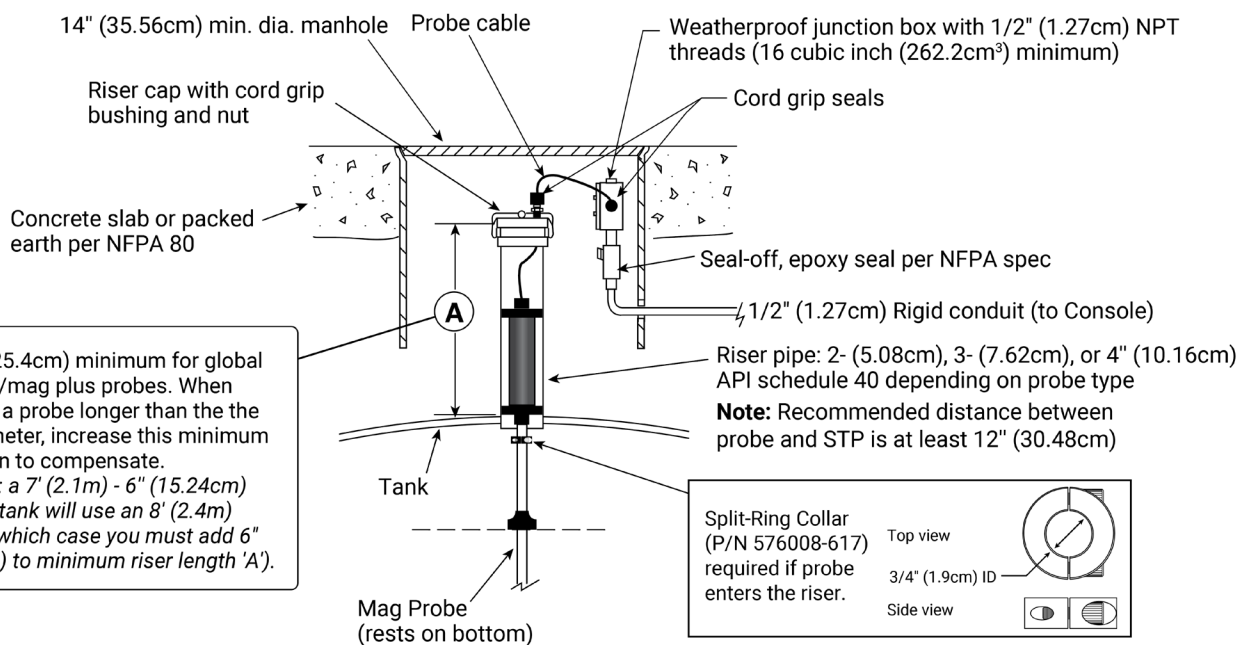


Probe Description & Product Application	Stainless Steel Mag Plus In-Tank Probe for Monitoring Alternative Fluids with No Water Detection in both USTs and ASTs					
Specific Products Monitored / Product Compatibility	Part # & Description		Approved Products		Monitoring Functionality Options	
	Leak Detection / BIR - Accuchart Probes 1. 846397-4XX Stainless Steel (SS) In-Tank Probe with High Grade Polymer (HGP) Canister with No Water Detection & 0.1 GPH Testing Capability, UL 2. 846397-5XX SS In-Tank Probe with HGP Canister with No Water Detection & 0.2GPH Testing Capability, UL 3. 846391-4XX SS In-Tank Probe with Aluminum (AL) Canister with No Water Detection & 0.1 GPH Testing Capability, UL 4. 846391-5XX SS In-Tank Probe with AL Canister with No Water Detection & 0.2 GPH Testing Capability, UL No Leak Detection/Inventory Only Probes 1. 846397-6XX SS with HGP Canister with No Water Detection & No Leak Detection/ Inventory Only, UL 2. 846391-6XX SS with AL Canister with No Water Detection & No Leak Detection/ Inventory Only, UL		Alcohol (<=100% Alcohol)*		A. 0.1 GPH static in-tank testing for USTs only	
			Fuel Oil #6		B. 0.2GPH static in-tank testing for USTs only	
			Propylene Glycol		C. 0.2 GPH Continuous Statistical Leak Detection (CSLD) for USTs only	
			Methyl Alcohol*			
			Methanol (<=100% Alcohol)*		D. No Leak Detection / Inventory Only for USTs & ASTs	
			ETBE (<=100% Ether)		E. BIR – Accuchart for USTs only	
			Ethanol (<=100% Alcohol) includes E85*		* Limited to E85 for ATEX probes	
			MTBE (<=100% Ether)			
			Used Oil			
			Ethylene Glycol			
			Windshield Washer Fluid			
			DEF (AdBlue)			
Console Compatibility	Maximum Probes / Console	Probe Interface Modules				
		Module Part #	Module Description	# of Modules per Console	# of Probe Inputs per Module	Availability
TLS-450PLUS (8600 Series) with TLS-XB installed (3 max per system)	64 (32 with BIR)	332812-001	Universal Sensor Module (USM) Interface for Probes, Sensors, and DPLLD	Up to 4	16	Sold Separately (either Factory Installed or as a Spare Module)
TLS4i (8601 Series)	4	No module required, probe input capability factory installed				
TLS4c (8601 Series)	2					
TLS-350/R/PLUS	16	329356-002	4-Input Probe Interface Module	4	4	Sold Separately (either Factory Installed or as a Spare Module)
TLS-300i	4	No module required, probe input capability factory installed				
TLS-300C	2					

Float Installation Kits	Part # & Description	Float Size	Cable Lengths	Min/Max Probe Length
	846400-0X4 Mag Plus Alternative Fluids Float Kit - No Water Float	4" (10.16cm)	5' (1.5m), 10' (3.05m), 20' (6.1m)	48" (1.2m) - 144" (3.66m)
	846400-3X4 Mag Plus Alternative Fluids Float Kit - No Water Float	3" (7.62cm)		
	846400-1X4 Mag Plus Alternative Fluids Float Kit - No Water Float	2" (5.08cm)		
Other Installation Accessories	312020-952 4" (10.16cm) NPT Riser Cap and Ring Kit for In-Tank Probes 330020-282 4" (10.16cm) Threaded NPT Riser Cap for In-Tank Probes			
Specifications	Product	Water		
Measurement Accuracy	+/- 0.0300" (0.762mm)	N/A		
Resolution - One Sample Reading	+/- 0.002857" (0.072571mm)	N/A		
Minimum Measurement - 2" (5.08cm) Float Kits	3.23" (8.2cm)	N/A		
Minimum Measurement - 3" (7.62cm) Float Kits	3.04" (7.72cm)	N/A		
Minimum Measurement - 4" (10.16cm) Float Kits	3.04" (7.72cm)	N/A		
Operating (Working) Temperature Range	-40 to +122°F (-40 to +50°C)			
Third Party Evaluation / Agency Listings & Links	UL, cUL, ATEX, IECEx			
	http://www.nwglde.org/evals/veeder_root_j.html			
Product Installation Guide Link	https://www.veeder.com/us/technical-document-library			

Example Installation



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Example Illustrations

Illustrations used in this guide for example sensor installations may contain components that are customer supplied and not included with the sensor. Please check with your Veeder-Root Distributor for recommended installation accessories.

Third Party Evaluations

Third party evaluations of the Veeder-Root sensors contained in this application guide can be found under the Veeder-Root vendor name on the National Work Group on Leak Detection Evaluations (NWGLDE) website:

<http://www.nwglde.org>